

**2010 Chemical Sector Security Summit
Baltimore, MD
Thursday, July 8, 2010**



Communities Depend Daily on Reliable Systems

These systems are the “invisible” critical infrastructure that our communities depend on every day, for example:

- Telephone systems that allow us to use ATMs/credit cards for our financial transactions, and real-time communications for business and personal use (cellular phones, pagers, e-mail, land-lines, and faxes)
- Electricity that allows us to light and heat our homes and businesses, and power computers and vital communication devices like radio and television
- Water systems that provide us with water for drinking, sanitary needs, irrigation, and firefighting capabilities

Critical Infrastructure & Key Resource Sectors

Critical Infrastructure

Sectors

- Agriculture and food
- Banking and finance
- Chemical
- Defense industrial base
- Emergency services
- Energy
- Information technology
- Postal and shipping
- Public health and healthcare
- Telecommunications
- Transportation systems
- Drinking water and water treatment systems
- National monuments and icons
- Critical Manufacturing

Key Resources

- Commercial facilities
- Dams
- Government facilities
- Nuclear reactors, materials, and waste

The Threat



We will “hit hard the American economy at its heart and its core.”
- *Osama bin Laden*

Without doubt, terrorist groups recognize the economic ramifications of attacks on the Nation’s critical infrastructures and key resources.

Dependency on our Critical Infrastructures & Key Resources...

- National Security
- Economic Vitality
- Our Way of Life

Attacks Could...

- Disrupt government and private industry operations and impact our economy and society
- Result in large-scale human casualties, property destruction, and damage to national prestige and public confidence



The Role of Homeland Security

- Unify a national effort to secure America
- Prevent and deter terrorist attacks
- Protect against and respond to threats and hazards to the Nation
- Respond to and recover from acts of terrorism, natural disasters, or other emergencies
- Coordinate the protection of our Nation's critical infrastructures and key resources across all sectors

Focus on Critical Infrastructure

The Infrastructure Protection Directorate (IP) was created to:

- Manage the national risk to critical infrastructures and key resources
- Identify critical infrastructures and key resources
- Conduct risk assessments
- Compare threats to vulnerabilities and potential outcomes
- Recommend and prioritize protective and support measures
- Assist with emergency preparedness efforts

PSCD Mission

Mission Statement

The Protective Security and Coordination Division will reduce the vulnerability of the Nation's CI/KR to terrorism and deny their use as a weapon by developing, coordinating, integrating, and implementing plans and programs that identify, catalog, prioritize (using a risk-based approach), and protect CI/KR, and that facilitate recovery from all hazards.

A Focus on Risk

“...How do we set our priorities? ...We cannot protect every single person against every single threat at every moment and in every place ... We have to be able to focus ourselves on those priorities which most demand our attention. ...We have to focus on “Consequence...Vulnerability...Threat....Risk”

Secretary Chertoff, July 25, 2005

How do we think about risk?

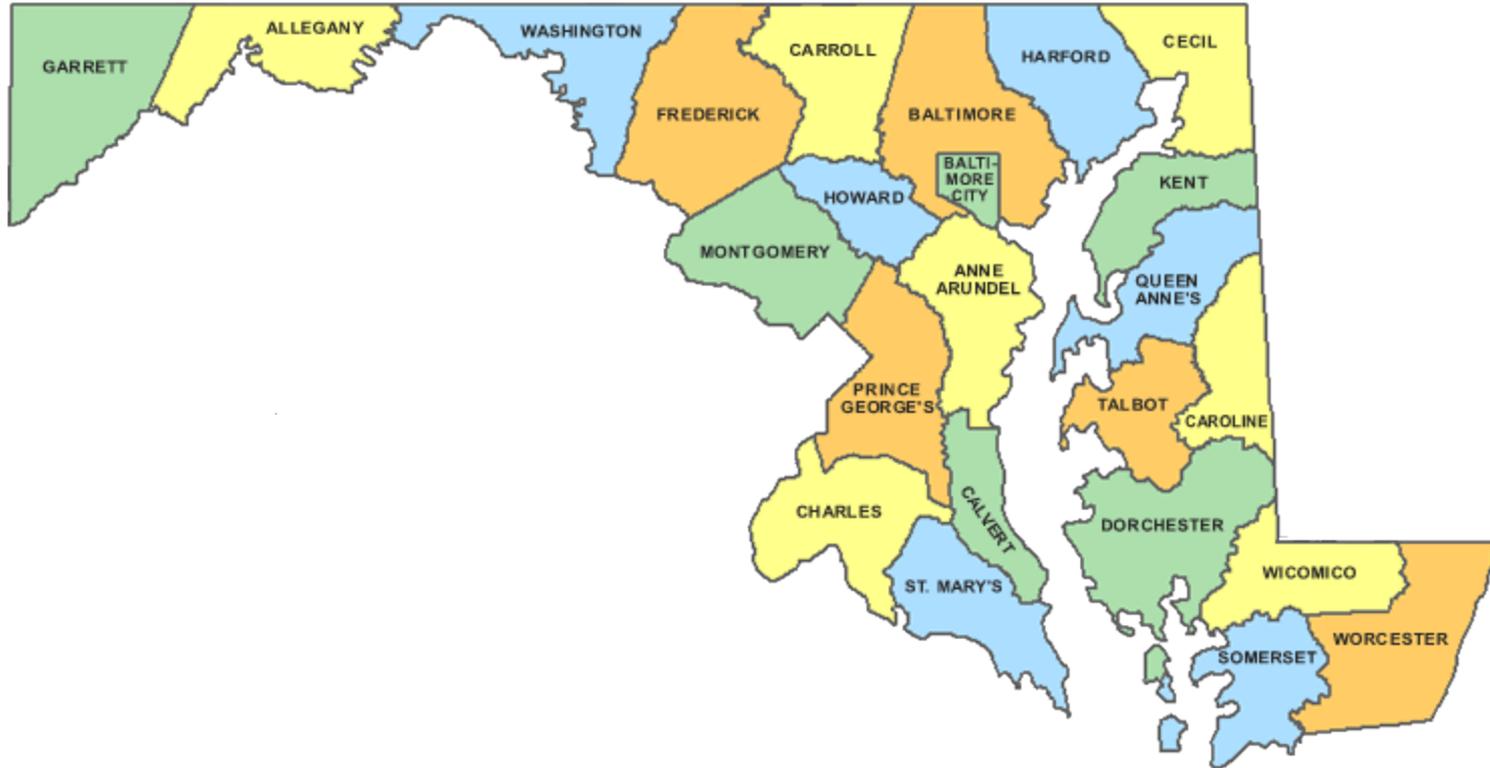
Risk = f (Consequence, Vulnerability, Threat)

- **CONSEQUENCE (C) (Criticality)** – Estimate of what could happen to people, the economy, national psyche, or mission capability
- **VULNERABILITY (V)** Estimate of how easy or difficult it would be to successfully attack the asset, and in so doing, yield the most severe consequence
- **THREAT (T)** Application of threat to the asset, in terms of enemy Capability and Intent, well-informed by both C and V values
- **RISK** Comparative across all infrastructure – Allows the creation of a Risk-based list of Critical National Infrastructure – Supports the allocation of Federal Assets

The Challenge to Protect Critical Infrastructures & Key Resources

- 85% of all critical infrastructures and key resources are privately-owned
- Homeland Security must work together with industry and state, territorial, local, and tribal governments to protect critical infrastructures and key resources
- To help communities better protect the Nation's assets, Homeland Security is placing specialized Protective Security Advisors around the country

Baltimore PSA District



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Homeland Security Provides Community-Based Support

Protective Security Advisors will:

- Assist with ongoing local and state critical infrastructure security efforts which are coordinated by the state Homeland Security Advisors
- Support the development of the national risk picture by identifying, assessing, monitoring, and minimizing risk to critical assets at the local or district level
- Upon request, facilitate, and coordinate vulnerability assessments for local critical infrastructures and key resources

Protective Security Advisors Will Also...

- Provide reach-back capability to Homeland Security and other Federal government resources
- Assist in confirmation of critical asset information for accurate inclusion into the National Asset Database
- Serve as advisors regarding local infrastructure during activation of the National Response Plan
- Provide local context and expertise to Homeland Security to ensure that community resources are used effectively
- Facilitate the flow of programmatic information between all parties

Protective Security Advisors' Sector Coverage

PSAs cover all 18 CI/KR sectors.

Value of the Program to You

Protective Security Advisors will:

- Support comprehensive risk analyses for local critical infrastructures and key resources
- Assist in the review and analysis of physical/technical security for local critical infrastructures and key resources
- Convey local concerns and sensitivities to Homeland Security and other Federal agencies
- Relay disconnects between local, regional, and national protection activities
- Communicate requests for federal training and exercises

Your PSA Can Also...

- Give guidance on established practices
- Provide local communities with updated Homeland Security capabilities, including:
 - New tools and technologies
 - Best practices for protection and mitigation strategies
 - Expertise and experience within Homeland Security and other agencies
 - Expertise and experience from other PSAs based in communities with similar concerns
- Keep communities informed of national policy context and initiatives

How Can You Help?

- Engage with your Protective Security Advisors to facilitate protective actions and establish priorities and the need for information
- Assist in efforts to identify, assess, and secure critical infrastructures and key resources in your community
- Communicate local critical infrastructure protection related concerns:
 - Business and economic ramifications of actions
 - Issues unique to the community

Partnerships and Working Relationships

Working Groups/Committees

- Baltimore City LEPC Committee MD Anti-Terrorism Advisory
- Anti-Terrorism Advisory Council (ATAC) – Executive Committee
- Downtown Baltimore Business Owner Security Committee
- MD ATAC – Plenary Committee
- MD CI/KR Steering Committee
- MD FBI Infragard Committee
- MD Rail Security Multi-Agency Sub-Committee
- MD Department of Health and Mental Hygiene COOP Task Force for Pandemic Influenza
- Annapolis/Anne Arundel County Law Enforcement Intelligence/Anti-Terrorism Workgroup.
- Calvert Co. Law Enforcement Coordination Committee Meeting with the Security Departments of Calvert Cliffs Nuclear Plant and Cove Point LNG Facility.
- EPA Region III Regional Response Team (RRT)
- Attend the Maryland Bi-weekly Classified Intelligence meetings at the FBI – Baltimore for Maryland top-Officials

DHS Vulnerability & Risk Assessments

- Buffer Zone Protection Plan (BZPP)
- Site Assistance Visits (SAV)
- Computer Based Assessment Tool (CBAT)
- Comprehensive Review (CR)

Baltimore District BZPPs

- The Buffer Zone Protection Program (BZPP)
 - Approx. 90 BZPPs in Maryland since 2004

Baltimore District Site Assistance Visits (SAV)

- World Trade Center
- Mercy Hospital
- Camden Yards @ Orioles Park
- M&T Bank Stadium
- Baltimore Harbor Tunnel (95)
- Ft. McHenry Tunnel
- Johns Hopkins University
- Tyco Telecommunications
- Amtrak Penn Station
- Social Security HQ
- Mt. Sinai Hospital
- Navy-Marine Corps Memorial Stadium
- Chesapeake Bay Bridge
- Key Bridge (695)

DHS Comprehensive Reviews (CR)

- **Calvert Cliffs Nuclear Power Plant**
- **Peach Bottom Nuclear Power Plant**

DHS Computer Based Assessment Tool (CBAT)

- **Camden Yards @ Orioles Park**
- **M&T Bank Stadium**
- **Harbor Tunnel (95)**
- **Ft. McHenry Tunnel**
- **Baltimore City Hall**
- **Baltimore Police Dept. HQ**
- **Johns Hopkins University**
- **Telecommunications**
- **Navy-Marine Corps Memorial Stadium**
- **Chesapeake Bay Bridge**
- **Key Bridge (695)**

Homeland Security Information Network (HSIN)

The primary objectives of Homeland Security Information Network – Critical Sectors (HSIN-CS) is to generate effective risk management decisions, and to encourage collaboration, coordination on plans, strategies, protective measures, and response/recovery efforts between government, operators, and owners in the public and private sectors

HSIN-CS Supports the 18 Critical Sectors

- Agriculture and Food
- Defense Industrial Base
- Energy
- Public Health and Healthcare
- National Monuments and Icons
- Banking and Finance
- Drinking Water and Water Treatment Systems
- Chemical
- Commercial Facilities
- Critical Manufacturing
- Dams
- Emergency Services
- Nuclear Reactors, Materials and Waste
- Information Technology
- Telecommunications
- Postal and Shipping
- Transportation Systems
- Government Facilities

HOW TO ACCESS HSIN-CS

For information regarding the HSIN-CS program or to gain access, please email Timothy.Vanderwerp@associates.dhs.gov

If requesting access, please indicate which sector(s) you wish to join and include your name, official email address, organization, supervisor's name and

Contact Info:

Ray Hanna

PSA - Baltimore District

443-827-2059

Email: ray.hanna@dhs.gov

John Guest

S/PSA – Mid-Atlantic Region

215-280-3226

Email: john.guest@dhs.gov